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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/747,400	12/22/2000	Roland Radtke	60001.0002US01	8785
27488	7590	12/30/2003	EXAMINER	
MERCHANT & GOULD			PILLAI, NAMITHA	
P.O. BOX 2903			ART UNIT	PAPER NUMBER
MINNEAPOLIS, MN 55402-0903			2173	S
DATE MAILED: 12/30/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/747,400	RADTKE ET AL.	
	Examiner	Art Unit	
	Namitha Pillai	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 14 October 2003.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-12 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-12 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.
- 13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
 - a) The translation of the foreign language provisional application has been received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1 and 7 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by U. S. Patent No. 4, 899, 276 (Stadler).

Referring to claims 1 and 7, Stadler discloses providing a plurality of data fields amongst these fields, there being a first data field and a second data field, wherein the user would be in a first data field and the next field the user would move to would be the second data field (column 1, lines 21-24 and column 3, line 17). Stadler discloses being in a first data field, thereby bringing focus to that first field, that being the current data field that the user is entering data onto and in response to focusing on the first field, displaying a first static information tip proximate to the first data field (column 2, lines 33-37). Stadler then further discusses moving onto the next field, thereby focusing on the second data field, wherein once the user has finished inputting data into the first field, and has pressed “ENTER”, the focus is brought to the second data field and the first static information tip is hidden from view (column 3, lines 17-20 and lines 61-65). Stadler also discloses repeating the same steps as was the case for the first field once the user has moved onto the second data field, wherein this suggests, as was the case for the first data field, bringing focus to that second field, that being the current data field that the user is entering data onto and in response to focusing on the second and current field, displaying static

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information tip proximate to the second data field, wherein the tip would be associated with the data in the second data field (column 3, lines 17-18 and column 2, lines 33-37). Stadler discloses that the first static tip does not interrupt data input into the first data field (column 3, lines 55-58) and whereby the first information tip remains displayed until the step of focusing on the second data field, the step being pressing "ENTER", which would move the cursor and focus from the first data field to the subsequent second data field (column 3, lines 61-65).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 2-6 and 8-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stadler as applied to claims 1 and 7 above, and further in view of U. S. Patent No. 4,646,250 (Childress) and U. S. Patent No. 5,736,984 (Jellinek et al).

Referring to claims 2 and 8, Stadler does disclose entering data in the first data field (column 3, line 17). Stadler does not disclose means for detecting or handling errors within these fields, as recited in the claims. Childress discloses determining that the data entered into the first field is erroneous and having a means to place error markers adjacent to the first data field, where the errors are found, thereby bringing focus to the first data (column 2, lines 13-20 and lines 37-39). It would have been obvious for one skilled in the art, at the time of the invention to learn from Childress to implement a means for detecting and bringing focus to the first data field that as the erroneous input. Stadler has means for allowing users to input data but as is common

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with data entry, erroneous data inputs are inevitable. There is no means in Stadler's disclosure for detecting these errors, which would be inevitable in any data entry system. Hence, one skilled in the art, at the time of the invention, would have been motivated to learn from Childress to implement error detection and highlighting means.

Stadler and Childress do not provide means for displaying a third static information tip proximate to the first data field, as recited in the claims. Jellinek discloses providing tips proximate to the data field, the tip providing means for correcting the errors detected, with the third static information tip not interrupting the corrective data input into the data field (Figure 7 and column 7, lines 36-40). It would have been obvious for one skilled in the art at the time of the invention to learn from Jellinek to implement a means for providing a third static tip information for the data field wherein an error was detected. Stadler and Childress do have the means for detecting errors but provides no tip information to correct this error, thereby causing confusion for users who may not know how to fix the errors. As clearly stated in Jellinek, the disclosure states how this invention clearly teaches means for displaying a message to fix the error without being intrusive and wherein the users would simply follow this third static tip to correct the errors. Hence, one skilled in the art, at the time of the invention, would have been motivated to learn from Jellinek to implement a means for providing a static third information tip which would not be obtrusive to the data field.

Referring to claims 3 and 9, Stadler, Childress and Jellinek discloses moving to a second data field and repeating the same process for manipulating this data field (Stadler, column 3, lines 17-18), wherein these steps include the steps recited in claim 2, in reference to the detection and the displaying of error tip information for the second data field.

Referring to claims 4, 5, 10 and 11, Stadler, Childress and Jellinek disclose displaying an error marker proximate to the first and second data fields, and included in all data fields with erroneous data fields (Childress, column 2, lines 37-40).

Referring to claims 6 and 12, Stadler discloses focusing all a first data field, and in response to focusing on the first data field, wherein a first static information tip proximate to the first data field (column 2, lines 39-41). Stadler also discloses entering data in the first data field while continuing to display the first static information tip (column 3, lines 61-64). Stadler also discloses moving onto another data field from the first data field, that wherein once the "ENTER" has pressed to move onto the next field, the first static information tip would be hidden from view (column 3, lines 63-65). Stadler does not disclose means for detecting or handling errors within these fields, as recited in the claims. Childress discloses determining that the data entered into the first field is erroneous and having a means to place error markers adjacent to the first data field, where the errors are found, thereby bringing focus to the first data (column 2, lines 13-20 and lines 37-39). It would have been obvious for one skilled in the art, at the time of the invention to learn from Childress to implement a means for detecting and bringing focus to the first data field that as the erroneous input. Stadler has means for allowing users to input data but as is common with data entry, erroneous data inputs are inevitable. There is no means in Stadler's disclosure for detecting these errors, which would be inevitable in any data entry system. Hence, one skilled in the art, at the time of the invention, would have been motivated to learn from Childress to implement error detection and highlighting means.

Stadler and Childress do not provide means for displaying a second static information tip proximate to the first data field, as recited in the claims. Jellinek discloses providing tips

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proximate to the data field, the tip providing means for correcting the errors detected, with the second static information tip not interrupting the corrective data input into the data field (Figure 7 and column 7, lines 36-40). It would have been obvious for one skilled in the art at the time of the invention to learn from Jellinek to implement a means for providing second static tip information for the data field wherein an error was detected. Stadler and Childress do have the means for detecting errors but provides no tip information to correct this error, thereby causing confusion for users who may not know how to fix the errors. As clearly stated in Jellinek, the disclosure states how this invention clearly teaches means for displaying a message to fix the error without being intrusive and wherein the users would simply follow this second static tip to correct the errors. Hence, one skilled in the art, at the time of the invention, would have been motivated to learn from Jellinek to implement a means for providing a static third information tip which would not be obtrusive to the data field.

Response to Claim Changes

3. The Examiner acknowledges the Applicant's amendments to claims 1, 6, 7 and 12 to better specify the claimed invention. However, all claims are still rejected under 35 U. S. C. 102 and 103 as being previously disclosed.

Response to Arguments

4. Applicant's arguments filed 10/14/03 have been fully considered but they are not persuasive.

With response to Applicant's arguments that Stadler discloses a field-directed screen help technique which access help information for a specific field based on the choice of a distinct button. As stated in the claim language, and within the arguments itself, Stadler clearly deals

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with providing tip information based on the focus of field by a user, wherein a tip is displayed regardless of the tip being displayed within a window. Stadler may or may not require pressing a button, but regardless, as stated in the claim language, even through the press of button, it is the user's focus on a current field and a response to this focus that enables tip information to be displayed. Once this focus is determined in the field of Stadler, if a help button is pressed, regardless, there is a disclosure of response to a having focus to distinct fields.

With response to Applicant's arguments that Childress does not discuss providing a first information tip in response to focusing on the data entry field or providing a second information for correcting the data entered into the data entry field. Stadler teaches a first information tip in response to focusing on the data entry field and wherein Childress goes further in teaching that the tip information shown by Stadler can be one for detecting errors and wherein the tips provides means for correcting the errors. It is the teaching of error detection and error tip corrections that Childress is responsible for teaching, wherein with the field manipulation and tip displaying of Stadler, a combination of Stadler and Childress would allow for error corrections tips to be displayed based on focus on a specific field.

With response to Applicant's arguments that Jellinek does not disclose for displaying tip information based on the focus on a first data field and displays a second tip based on focusing on a second field. Jellinek, much like Stadler and Childress does deal with providing tip information based on error detecting, wherein the tip information is error correction information based on focusing on a data field, wherein Jellinek goes further in teaching displaying a second static information tip proximate to the first data field. Jellinek's such teaching for displaying tip

information based on the focusing on the data fields as taught in Stadler, wherein the Stadler, Childress and Jellinek are combined.

With response to Applicant's arguments that there is no motivation for combining Stadler, Childress and Jellinek. Stadler provides the basis of providing tip information based on focusing on specific data fields, wherein both Jellinek and Childress which also deal with providing tip information thereby showing analogous inventions, with Jellinek and Childress teaching further tip and field information tactics that would prove useful and advantageous in Stadler's tip displaying. All three inventions, clearly have much in common with tip information being displayed for distinct fields, with the tip information being error corrections as in Childress and the placement of the tips in Jellinek both being minor manipulations that is obvious in view of Childress and Jellinek for combining with Stadler.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington D.C. 20231. If applicant desires to fax a response, central FAX number (703) 872-9306 may be used. NOTE: A Request for Continuation (Rule 60 or 62) cannot be faxed. Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document. Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist). Any inquiry concerning this communication or earlier communications from the examiner should be directed to Namitha Pillai whose telephone number is (703) 305-7691. The examiner can normally be reached on 8:30 AM - 5:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703) 308-3116. All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Namitha Pillai
Assistant Examiner
Art Unit 2173
December 26, 2003

CAO (KEVIN) NGUYEN
PRIMARY EXAMINER